

FIG. 1

| INDEX | PROCESS              |
|-------|----------------------|
| 0     | $V_{START}$          |
| $f_1$ | PROCESS <sub>1</sub> |
| $f_2$ | PROCESS <sub>2</sub> |

FIG. 3A

FIG. 3B

| $f$   | SLOW     | TYPICAL  | FAST     |
|-------|----------|----------|----------|
| $f_1$ | $V_{S1}$ | $V_{T1}$ | $V_{F1}$ |
| $f_2$ | $V_{S2}$ | $V_{T2}$ | $V_{F2}$ |

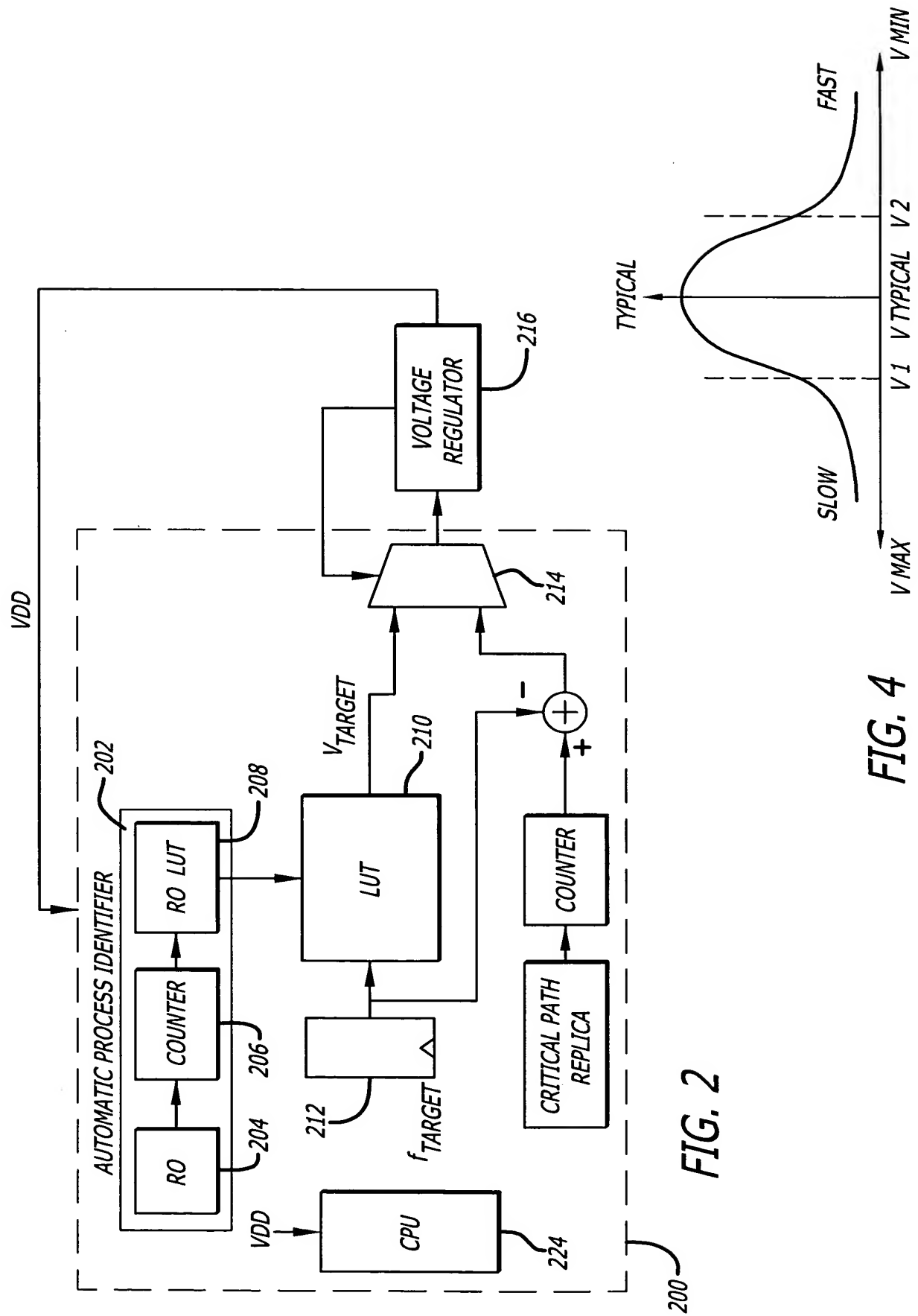
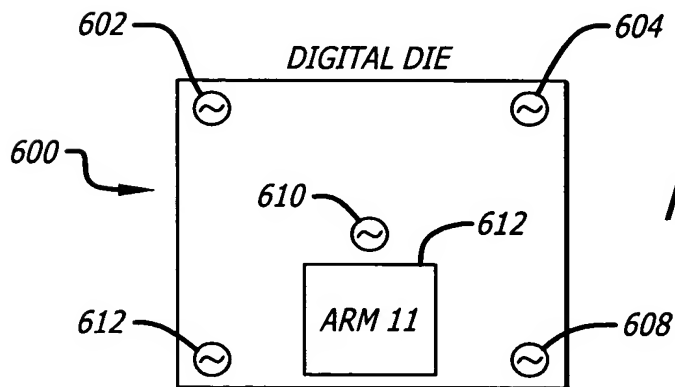
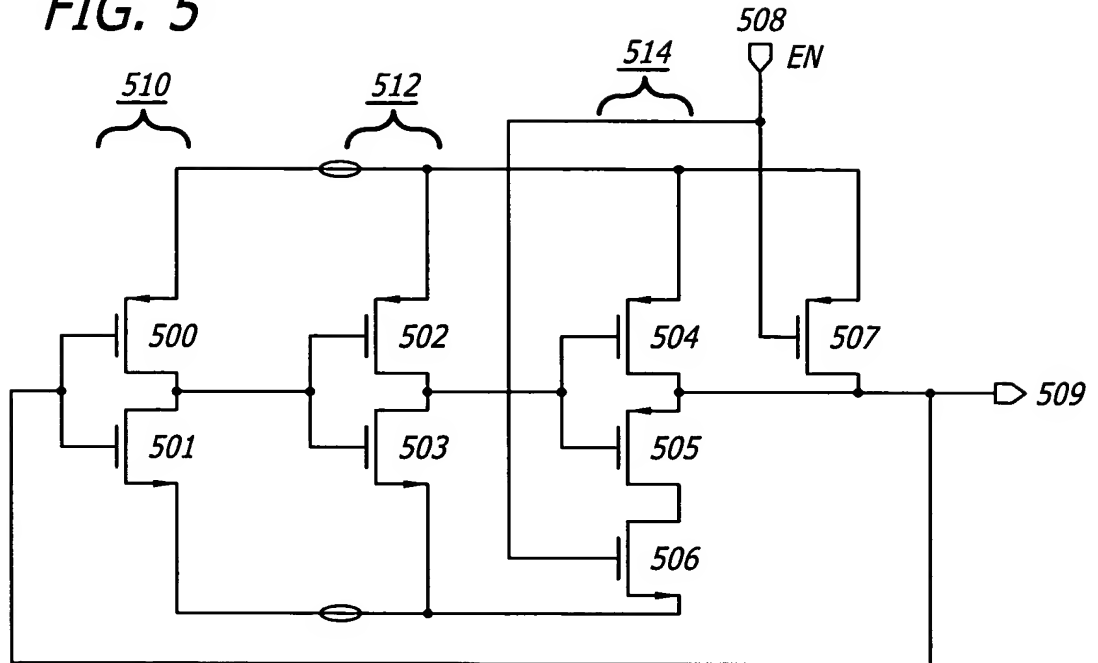
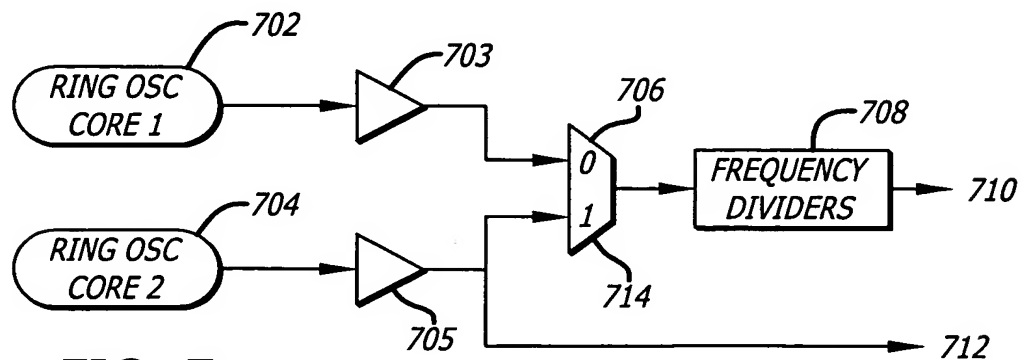


FIG. 4

**FIG. 5****FIG. 6****FIG. 7**

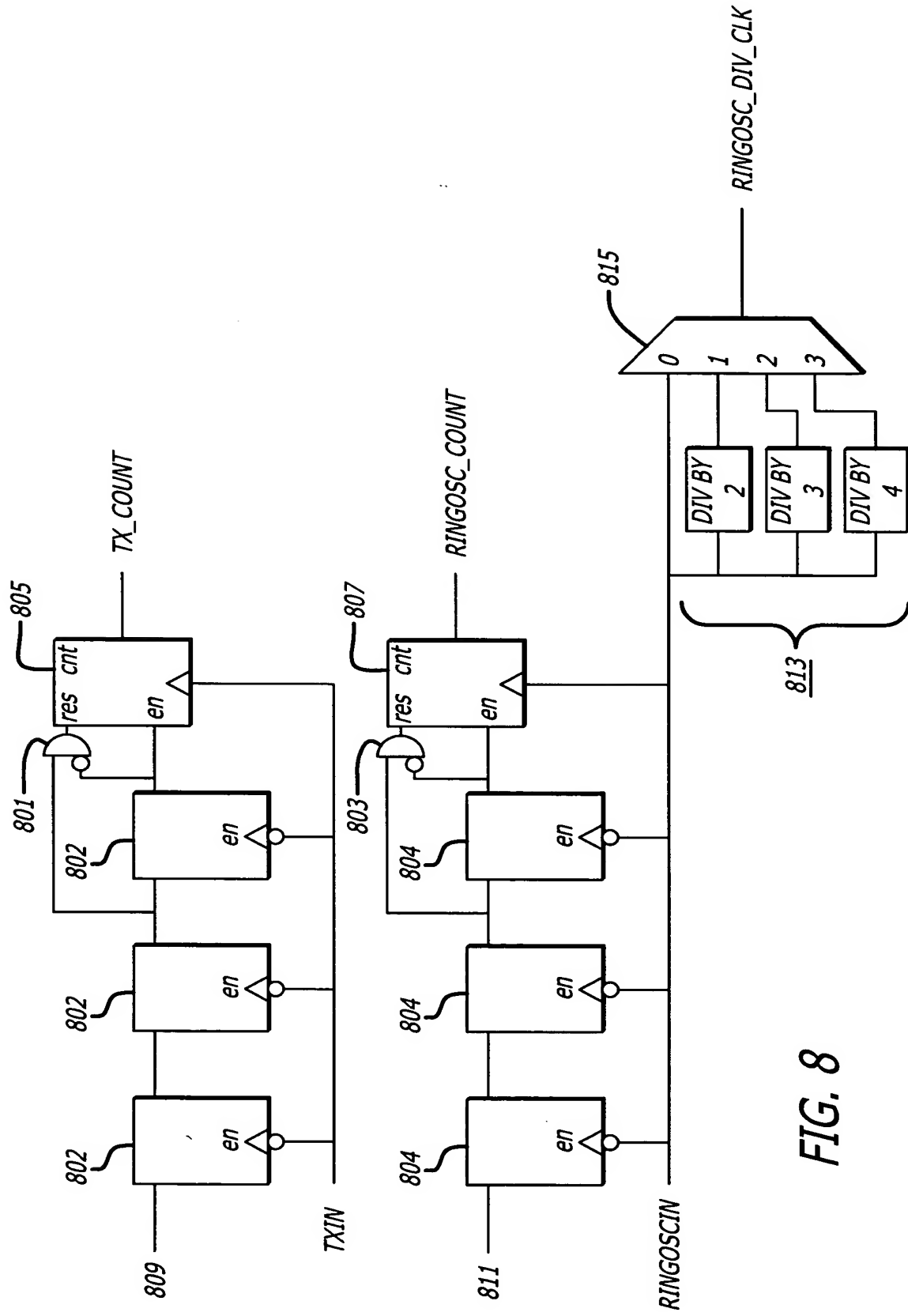


FIG. 8

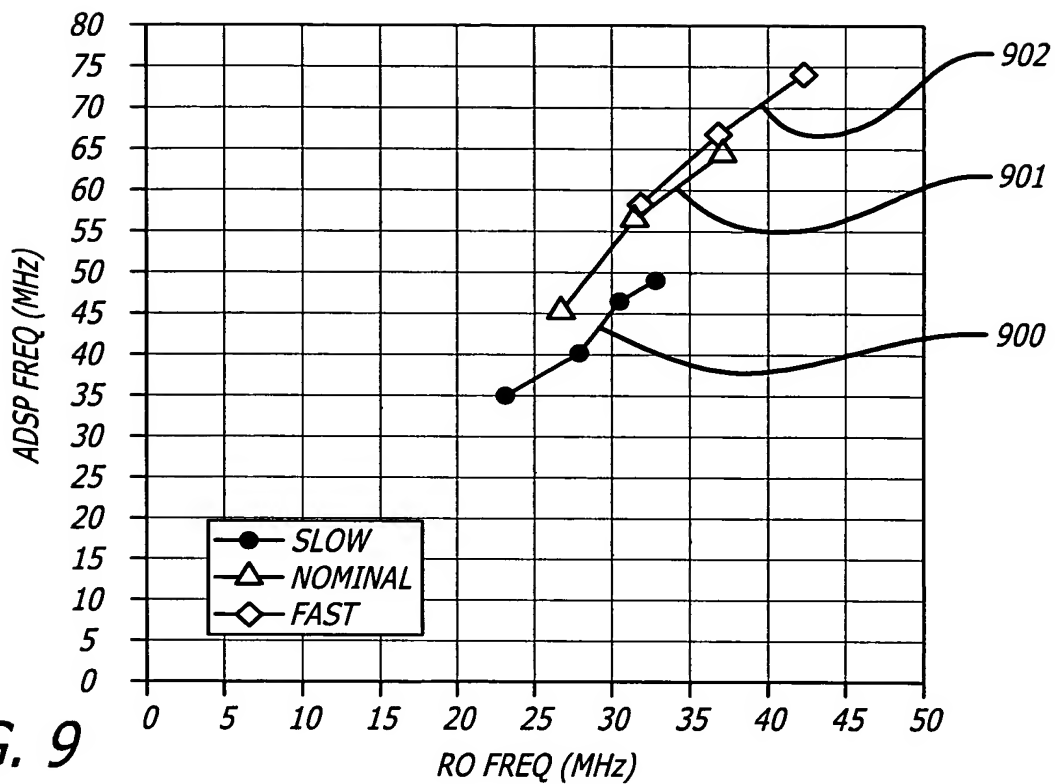


FIG. 9

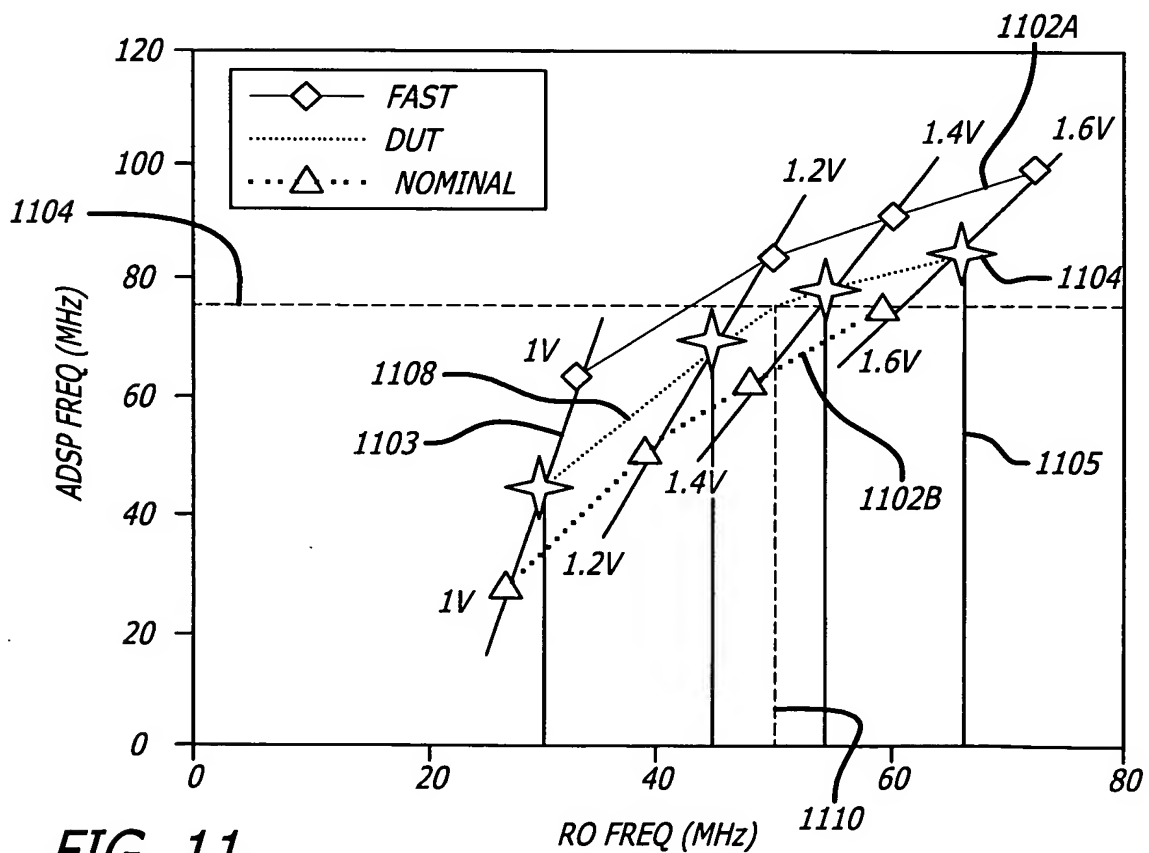


FIG. 11

| <i>SPLIT<br/>(AT ROOM TEMP)</i> | <i>VOLTAGE</i> | <i>RO FREQUENCY<br/>(MEASURED)</i> | <i>ADSP FREQUENCY<br/>(MEASURED)</i> |
|---------------------------------|----------------|------------------------------------|--------------------------------------|
| <i>FAST</i>                     | <i>1</i>       | <i>33</i>                          | <i>63</i>                            |
|                                 | <i>1.2</i>     | <i>50</i>                          | <i>84</i>                            |
|                                 | <i>1.4</i>     | <i>60</i>                          | <i>91</i>                            |
|                                 | <i>1.6</i>     | <i>72</i>                          | <i>99</i>                            |
| <i>NOMINAL</i>                  | <i>1</i>       | <i>26</i>                          | <i>27</i>                            |
|                                 | <i>1.2</i>     | <i>39</i>                          | <i>50</i>                            |
|                                 | <i>1.4</i>     | <i>48</i>                          | <i>62</i>                            |
|                                 | <i>1.6</i>     | <i>59</i>                          | <i>75</i>                            |

*FIG. 10A*

| <i>VOLTAGE</i> | <i>RO FREQUENCY<br/>(MEASURED)</i> | <i>ADSP FREQUENCY<br/>(MEASURED)</i> |
|----------------|------------------------------------|--------------------------------------|
| <i>1</i>       | <i>30</i>                          | <i>27</i>                            |
| <i>1.2</i>     | <i>45</i>                          | <i>50</i>                            |
| <i>1.4</i>     | <i>54</i>                          | <i>62</i>                            |
| <i>1.6</i>     | <i>66</i>                          | <i>75</i>                            |

*FIG. 10B*